Part I. Operations

23 OCTOBER

A. SN Anomalies: - None.

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies:

1. AGS/TRACE Support   23/055800-060900Z

  The carrier came up and swept, but command modulation was
  never applied. The RS-232-IEEE-488 converter in the trailer, and
  then the converter in the Pedestal were reset with no result.
  Immediately following the support, TOTS configured for a FAST
  support and during setup the Master Computer indicated a NAK for
  the Exciter. The Exciter was Reset, the station was reconfigured,
  and the Exciter NAK was cleared. TTR # 23055 CDS # 17252

  055800-060900Z 11 Min. Svc Loss

 2. AGS/QST Support   23/060800-062200Z

  The Master Computer failed to setup and initiate for the scheduled
  event. All Spacecraft data was collected and pushed to the Project.
  No MTA files or monitor blocks were sent. TTR # 23056
  CDS # 17253

  060002-062256Z 14 Min. Svc/Data Loss (Recov)

3. WGS/TRACE Support   23/102916-103953Z

The site was unable to hold connection with the project during R/T support. Upon investigation TRACE reported a problem with their system. TTR # 23057 CDS # 17254

1029-1039Z 10 Min. 37 Sec. Svc Loss

F. The STS-92 landing attempts scheduled for DOY 297 were waved off due to weather. The next landing attempt is scheduled for 298/1928Z..

24 OCTOBER

A. SN Anomalies:

1. HST Support   24/005902-005945Z

The HST event was impacted by bad weather at WSC.

SSAR1 4KB 004915-011455Z 43 Min. Svc/Data Loss (Recov)

2. TERRA Support   24/015337-020100Z

The POCC reported no RF (SSA or KSA). They started looking for any indications that might show a MDA byte Failure. Additional indications showed an unusual performance of the Spacecraft. POCC investigation on going. RF was slowly building Approximately 0156Z plus. POCC reported receiving data at 02010Z. TTR # 23059

015307-021509Z TDS/SSAR2 7 Min. 23 Sec. Svc/Data Loss (Recov)

B. ISS/ECOMM Anomalies:

  1. ISS Support Anomaly   24/141752-143900Z

ISS failed to lock on SSA2 at AOS and there was no visible RF on the spectrum. After several minutes of no lock, at the request of WSC, the NCC transmitted the ISS vector and the event locked at 14:39:02z with a low E_b/N_0 observed. The reason for the neg. acq at AOS and low E_b/N_0's after lock is unknown and under investigation. TTR # 23060

TDS 141752-144402Z 21 Min. 08 Sec. (Non Recov)

C. GN Anomalies:

  1. AGS/FAST Support   24/235000-000900Z

PAC Number 3 Data Buffer Error, unable to access, causing the reboot of PAC Number 3 because of the reboot of the PAC the TPCE was not able to establish the connection to PAC and the Project. A second reboot of PAC Number 3 was needed because first reboot came up with MUX reset error after reboot we were able to establish connections with PAC and the Project at 299/0005Z. Project reported they were unable to see Telemetry data but saw command connection. Project reestablished there connection. and TOTS did the same. TPC indicated valid connections on Telemetry and commands at IP address 192.107.XX. PROJECT reported they were still unable to see Telemetry data. TTR # 23061 CDS # 17266

235200-002200Z 19 Min. Svc/Data Loss (Recov)

D. Space Shuttle Discovery successfully landed at Edwards AFB, Ca, at 2100Z, 24 Oct 00.

25 OCTOBER

E. SN Anomalies:

  1. NCC CCS Anomaly   25/155800-165000Z

    Intermittent problems with ODMs and UPDs at NCC. A CCS
    coldstart was performed which cleared the anomaly. Numerous
    events were impacted. Which totaled 1 hour 54 minutes 58
    seconds service loss only. TTR # 23063

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies:

  1. AGS/FAST Support   25/084200-091200Z

    TOTS-1 "Station Setup" Menu changed. Corrected data was
    entered after the last support. Operating system reloaded, Station
     was configured wrong again. Corrections were made and the
    tapes were not enabled. This wasn't caught until AOS, too late to
    correct. The Station setup for this configuration anomaly is under
    investigation. TTR # 23062 CDS # 17267

    30 minutes service/data loss non-recoverable

  2. WGS/SEAWIFS Support   25/165300-170700Z

    It appears that at initial acquisition, the antenna began to
    auto-track noise and went into limits. After recovering from limits
    and selecting program track mode, the antenna captured the
    downlink and tracked for the remainder of the pass, with only 1
    minute of dump data which did not lock HDLC data strippers. This
    is an intermittent, recurring problem with the Master System. TTR
    # 23064   CDS ID # 17272

    14 minutes service/data loss recoverable

D. NAM 491 ISS Designated "Critical Support" was issued.

Part II. Testing Anomalies

A. SN Test - None.

B. GN Test - None.

Part III. Equipment Status Changes - None.

Part IV. Scheduled Activities:

ISS ATV EBB Transponder Demonstration   26/1200-1800Z

STGT ISS-ECOMM Fwd Link & Command Verification Test
                                           26/2003-2035Z

AQUA (PM) Spacecraft Interface Test#2   26/0100-1300Z

Ultra Long Duration Balloon Engineering Test   26/1200-1430Z

SAC-C SKS To PKR Handover Test   26/1803-1830Z

Part V. Launch Forecast Changes - None.